

DEXTER CORP DEXTER ELECTRONI -- HYSOL PC18M

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MSDS Safety Information
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FSC: 5970

NIIN: 01-223-0782

MSDS Date: 04/17/1997

MSDS Num: CJSJS

Product ID: HYSOL PC18M

MFN: 01

Responsible Party

Cage: 04347

Name: DEXTER CORP THE DEXTER ELECTRONIC MATERIAL DIV.

Address: 211 FRANKLIN ST.

City: OLEA

N NY 14760-1297

Info Phone Number: 716-372-6300/6309

Emergency Phone Number: 716-372-6300

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Item Description Information
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Item Manager: S9G

Item Name: INSULATING VARNISH,ELECTRICAL

Unit of Issue: EA

UI Container Qty: 1

Type of Container: CAN

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Ingredients
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Name: *** PROPRIETARY

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Health Hazards Data
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LD50 LC50 Mixture: NOT PROVIDED

Route Of Entry Inds - Inhalation: YES

Skin: YES

Ingestion: NO

Carcinogenicity Inds - NTP: YES

IARC: YES

OSHA: NO

Effects of Exposure: TARGET ORGANS: EYES, SKIN, RESPIRATORY TRACT. EYE CONTACT:
MAY CAUSE EYE IRRITATION. SKIN CONTACT: PROLONGED OR REPEATED SKIN CONTACT
MAY CAUSE IRRITATION. CONTACT

WITH PRODUCT AT ELEVATED TEMPERATURES (>150C) CAN RESULT IN THERMAL BURNS. INHALATION: HARMFUL IF INHALED, MAY CAUSE ALLERGIC RESPIRATORY REACTION SUCH AS ASTHMA. INGESTION: MODERATELY TOXIC, MAY CAUSE VOMITING.

Explanation Of Carcinogenicity: CONTAINS BENZENE, 2,4-DIISOCYANATE-1-ME, BENZENE, 1,3-DIISOCYANATE-2-ME.

Signs And Symptoms Of Overexposure: MAY CAUSE EYE IRRITATION. PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION. CONTACT WITH PRODUCT AT ELEVATED TEMPERATURES

(>150C) CAN RESULT IN THERMAL BURNS. HARMFUL IF INHALED, MAY CAUSE ALLERGIC RESPIRATORY REACTION SUCH AS ASTHMA. MODERATELY TOXIC BY INGESTION. MAY CAUSE VOMITING.

Medical Cond Aggravated By Exposure: PREEXISTING SKIN AND EYE DISORDERS MAY BE AGGRAVATED BY EXPOSURE TO THIS PRODUCT. PRE-EXISTING SKIN OR LUNG ALLERGIES MAY INCREASE THE CHANCE OF DEVELOPING INCREASED ALLERGIC SYMPTOMS TO THIS PRODUCT.

First Aid: EYE CONTACT: IMMEDIATELY WASH/ FLUSH EYES WITH WATER FOR MINIMUM 10 MIN

UTES. SEEK MEDICAL ATTENTION. SKIN CONTACT: WASH OFF IN FLOWING WATER OR SHOWER. REMOVE CONTAMINATED CLOTHING AND SHOES. SEEK MEDICAL ATTENTION, IF IRRITATION DEVELOPS. INHALATION: MOVE TO FRESH AIR. IF NOT BREATHING, GIVE MOUTH TO MOUTH RESUSCITATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. SEEK MEDICAL ATTENTION. INGESTION: IF SWALLOWED, DO NOT INDUCE VOMITING. SEEK PROMPT MEDICAL ATTENTION. NOTE TO PHYSICIAN: TREATMENT SHOULD BE DIRECTED AT THE CONTROL OF SYMPTOMS AND THE CLINICAL

CONDITIONS. THERE ARE NO SPECIFIC ANTIDOTES.

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Handling and Disposal

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Spill Release Procedures: CLEAN-UP: CONTAIN SPILL IN NATURAL FORM OR WITH SAND OR DIRT. ELIMINATE ALL IGNITION SOURCES. PREVENT RUNOFF TO STORM SEWERS, DITCHES AND WATERWAYS. SHOVEL OR SCRAPE (NON-METALLIC) ABSORBED WASTE MATERIAL INTO DISPOSAL CONTAINER. SEAL LID TIGHTLY WITH TAPE AND LABEL PROPERLY. CLEAN UP SPILL IMMEDIATELY. OBSERVE PRECAUTIONS INCLUDING VENTILATION AND/ OR PERSONAL PROTECTIVE EQUIPMENT.

Neutralizing Agent: NOT RELEVANT.

Waste Disposal Methods: LEGAL DISPOSITION OF WASTE IS THE RESPONSIBILITY OF THE OWNER/ GENERATOR OF THE WASTE. APPLICABLE FEDERAL, STATE, AND/ OR LOCAL REGULATIONS MUST BE FOLLOWED DURING TREATMENT, STORAGE, OR DISPOSAL OF WASTE CONTAINING THIS PRODUCT. DO NOT DISPOSE OF IN AN UNCONTROLLED MANNER.

Handling And Storage Precautions: STORE AT LESS THAN

TWENTY FIVE DEGREE
CENTIGRADE (<25C) (77F) FOR OPTIMUM SHELF LIFE. DRY ATMOSPHERIC
CONDITIONS. KEEP CONTAINERS CLOSED AND TIGHTLY SEALED. PLASTIC CONTAINER MAY
BE SLIPPERY WHEN HAND LING.

Other Precautions: DO NOT EXPOSE TO DIRECT SUNLIGHT. ONCE CONTAINER IS OPEN,
USE NITROGEN BLANKET ON MATERIAL AND RESEAL.

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Fire and Explosion Hazard Information
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Flash Point Method: CC

Flash

Point: =31.7C, 89.F

Extinguishing Media: WATER FOG, CARBON DIOXIDE, DRY CHEMICAL, FOAM.

Fire Fighting Procedures: RECOMMENDED USE OF SELF CONTAINED BREATHING APPARATUS
(SCBA).

Unusual Fire/Explosion Hazard: NO UNUSUAL FIRE OR EXPLOSION HAZARDS.

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Control Measures
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Respiratory Protection: NO RESPIRATOR IS REQUIRED IF INGREDIENT EXPOSURE LIMITS
ARE NOT EXCEEDED. AN OSHA APPROVED (29CF

R1910.134USA DEPT OF LABOR),

AIR-PURIFYING RESPIRATOR WITH APPROPRIATE CARTRIDGE SHOULD BE USED IF EXPOS
URE LIMITS ARE EXCEEDED.

Ventilation: USE LOCAL EXHAUST VENTILATION NEAR THE SOURCE.

Protective Gloves: PVC, RUBBER (LATEX, NITRILE, BUTYL)

Eye Protection: SAFETY GLASSES WITH SIDE SHIELD OR GOGGLES.

Other Protective Equipment: A SAFETY SHOWER AND EYE WASH STATION SHOULD BE
WITHIN REASONABLE DISTANCE TO THE WORK AREA.

Work Hygienic Practices: NOT PROVIDED

Supplemental Safety and Health:

CONTRACTOR'S (CAGE: 7B953) PART NUMBER:

MIL-I-46058C, HSOL DIV.

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Physical/Chemical Properties
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HCC: F3

NRC/State LIC No: NOT RELEVANT.

B.P. Text: NOT PROVIDED

M.P/F.P Text: NOT PROVIDED

Decomp Text: NOT PROVIDED

Vapor Pres: 9.5

Vapor Density: 3.7

Spec Gravity: 1.0

VOC Pounds/Gallon: 4.6

PH: NOT PROVIDED

VOC Grams/Liter: 550

Viscosity: NOT PROVIDED.

Evaporation Rate & Reference: 0

.5 NO REF

Solubility in Water: SOLUBLE

Appearance and Odor: LIQUID, MEDIUM VISCOSITY, AMBER COLOR, AROMATIC ODOR

Corrosion Rate: NOT PROVIDED

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Reactivity Data
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Stability Indicator: YES

Stability Condition To Avoid: HIGH TEMPERATURES; OPEN FLAMES

Materials To Avoid: NONE IDENTIFIED

Hazardous Decomposition Products: CARBON DIOXIDE, CARBON MONOXIDE; POSSIBLE ORGANICS

Hazardous Polymerization Indicator: YES

Conditions To Avoid Polymerization: EXOTHERMIC.

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Toxicological Information
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Toxicological Information: TESTING HAS NOT BEEN PERFORMED ON THIS PRODUCT. FOR DATA ON COMPONENTS, PLEASE PHONE 716-372-6300.

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Ecological Information
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Ecological: NO SPECIFIC STUDIES HAVE BEEN CONDUCTED. HOWEVER, UNCONTROLLED RELEASES OF CERTAIN CONSTITUENTS OF THIS MATERIAL TO SOIL, GROUNDWATER, OR SURFACE WATERS COULD ENTAIL ACUTE AND/OR CHRONIC ECOLOGICAL EFFECTS, DEPENDING ON THE QUANTITY AND CONCENTRATION OF SUCH RELEASES. RELEASES OF VOLATILE COMPONENTS TO THE ATMOSPHERE ARE NOT BELIEVED TO ENTAIL SIGNIFICANT ECOLOGICAL CONSEQUENCES PROVIDED SUCH RELEASES ARE WITHIN THE EXPOSURE LEVELS. ACCORDINGLY, ALL APPROPRIATE MEASURES SHOULD BE TAKEN TO AVOID UNCONTROLLED RELEASES TO THE ENVIRONMENT, AND ANY SPILLS SHOULD BE CONTAINED AND CLEANED UP IMMEDIATELY.

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MSDS Transport Information
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Transport Information: DOT/IATA PROPER SHIPPING NAME: RESIN SOLUTION, FLAMMABLE. DOT/IATA PACKING GROUP: III. DOT/IATA HAZARD CLASS OR DIV: 3. DOT/IATA LABEL: FLAMMABLE LIQUID. DOT/IATA PLACARD: FLAMMABLE LIQUID. DOT/IATA UN NUMBER: UN1866.

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Regulatory Information
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Sara Title III Information: COMPONENT URETHANE PREPOLYMER AND COMPONENT 2-PROPANOL, 1-METHOX ARE SUBJECT TO ENVIRONMENTAL LIST SARA SECTION 311/312. COMPONENTS BENZENE, DIMETHYL- BENZENE, ETHYL-, BENZENE, METHYL- ARE SUBJECT TO ENVIRONMENTAL LIST SECTION 302 AND CERCLA LISTS SARA SECTION 311/312 AND SARA SECTION 313. COMPONENT BENZENE, 1,3 D

DIISOCY IS

SUBJECT TO THE FOLLOWING ENVIRONMENTAL LIST CERCLA HAZARDOUS SUBSTANCE PROP65-C CA PROP 65 CARCINOGEN 304 SEC 302 AND CERCLA LISTS SARA SECT. 311/312 AND SARA SECT. 313

Federal Regulatory Information: RCRA STATUS THIS PRODUCT IS CLASSIFIED AS RCRA HAZARDOUS WASTE. OSHA STATUS THIS PRODUCT IS HAZARDOUS UNDER THE CRITERIA OF THE FEDERAL (USA) OSHA HAZARDOUS COMMUNICATION STANDARD 29 CFR 1910.1200. THERMAL PROCESSING AND DECOMPOSITION FUMES FROM THIS PRODUCT MAY BE HAZARDOUS.

State Regulatory Information: PROP65-T CA PROP 65 REPRODUCTIVE TOXIN: BENZENE, METHYL- PROP 65-C THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER: BENZENE, 1,3 DIISOCY.

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Other Information
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Other Information: ANY INGREDIENT CLAIMED AS A TRADE SECRET WILL BE DISCLOSED IN ACCORDANCE WITH 29 CFR 1910.1200 (I). WARNING! POSSIBLE IRRITATION TO EYES, SKIN AND RESPIRATORY TRACT.

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Transportation Information
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Responsible Party Cage: 04347

Trans ID NO: 149848

Product ID: HYSOL PC18M

MSDS Prepared Date: 04/17/1997

Review Date: 11/07/1999

MFN: 1

Net Unit Weight: 2.1 LBS

Multiple KIT Number: 0

Unit Of Issue: EA

Container QTY: 1

Type Of Container: CAN

Additional Data: LIMITED QUANTITIES ARE EXEMPT FROM LABELING AN

D PLACARDING;

UNLESS OFFERED FOR TRANSPORTATION BY AIR , PACKED IN STRONG OUTER PACKAGINGS;
AND GROSS WEIGHT < 66 LBS/30 KG, 49CFR 173.150. PROPER SHIPPING NAME, UN
ID NUMBER, HAZARD CLASS AND PACKING GROUP, PER MSDS.

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Detail DOT Information
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DOT PSN QS

DOT Proper Shipping Name: RESIN SOLUTION

DOT PSN Modifier: FLAMMABLE

Hazard Class: 3

UN ID Num: UN1866

DOT Packaging Group: II

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Label: FLAMMABLE LIQUID

Special Provision: B1,B52,T7,T30

Packaging Exception: 150

Non Bulk Pack: 173

Bulk Pack: 242

Max Qty Pass: 60 L

Max Qty Cargo: 220 L

Vessel Stow Req: A

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Detail IMO Information
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IMO PSN Code: NBJ

IMO Proper Shipping Name: RESIN,SOLUTION

IMO PSN Modifier: FLAMMABLE o

IMDG Page Number: 3379

UN Number: 1866

UN Hazard Class: 3.3

IMO Packaging Group: III

Subsidiary Ri

sk Label: -

EMS Number: 3-05

MED First Aid Guide NUM: 310

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Detail IATA Information
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IATA PSN Code: VSA

IATA UN ID Num: 1866

IATA Proper Shipping Name: RESIN SOLUTION

IATA PSN Modifier: ,FLAMMABLE

IATA UN Class: 3

IATA Label: FLAMMABLE LIQUID

UN Packing Group: III

Packing Note Passenger: 309

Max Quant Pass: 60L

Max Quant Cargo: 220L

Packaging Note Cargo: 310
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Detail AFI Information
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AFI PSN Code: VSA
AFI Proper Shipping Name: RESIN SOLUTION
AFI PSN Modifier: ,FLAMMABLE
AFI Hazard Class: 3
AFI UN ID NUM: UN1866
AFI Packing Group: III
Special Provisions: P5
Back Pack Reference: A7.3
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HAZCOM Label
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Product ID: HYSOL PC18M
Cage: 04347
Company Name: DEXTER CORP THE
DEXTER ELECTRONIC MATERIAL DIV
Street: 211 FRANKLIN ST.
City: OLEAN NY
Zipcode: 14760-1297
Health Emergency Phone: 716-372-6300
Label Required IND: Y
Date Of Label Review: 08/18/2000
Status Code: C
MFG Label NO: P00011 650
Label Date: 04/17/1997
Year Procured: 2000

Origination

Eye Protection IND: YES
Skin Protection IND: YES
Signal Word: DANGER
Respiratory Protection IND: NO
Health Hazard: Moderate
Contact Hazard: Slight
Fire Hazard: Severe
Reactivity Hazard: None
Hazard And Precautions: TARGE

T ORGANS: EYES, SKIN, RESPIRATORY TRACT. WARNING:

MAY CAUSE INJURY TO SKIN FOLLOWING PROLONGED OR REPEATED CONTACT. FLAMMABLE!
FREQUENT PROLONGED OR FREQUENT SKIN CONTACT: IF CONTACT OCCURS, WASH AT
FIRST OPPORTUNITY WITH SOAP AND WATER. KEEP AWAY FROM HEAT, SPARKS AND OPEN
FLAME. USE WITH ADEQUATE VENTILATION. WARNING! THIS PRODUCT CONTAINS A
CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. FOR INDUSTRIAL
USE ONLY. KEEP CONTAINER CLOSED. SOME MATERIALS OF THIS TYPE ABS

ORB CHEMICALS

FROM THE AIR WHICH CAN RESULT IN A CHANGE OF PROPERTIES.

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